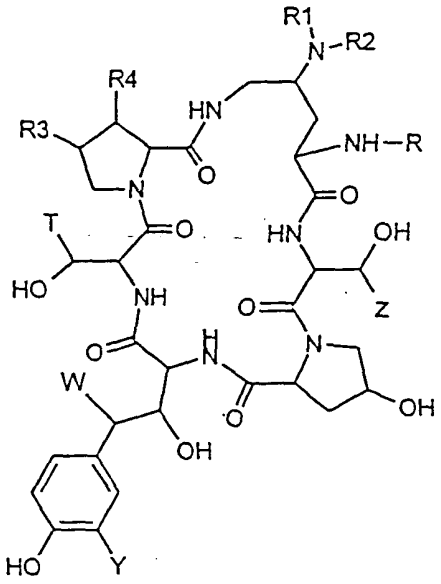
CLAIMS

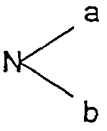
1) The compounds of formula (I) in all the possible isomer forms as well as their compounds:



(I)

in which

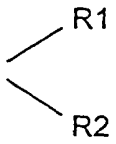
either R1 and R2 identical or different from one another, represent a hydrogen atom, a hydroxyl radical, an alkyl radical containing up to 8 atoms of linear, branched or cyclic carbon atoms, optionally interrupted by an oxygen atom optionally substituted by a

hydrogen atom, an OH radical, an  radical, a and b identical or

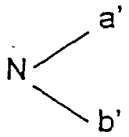
different from one another,

representing a hydrogen atom or an alkyl radical containing up to 8 carbon atoms, a and b able optionally to form a heterocycle with the nitrogen atom optionally containing one or several additional heteroatoms,

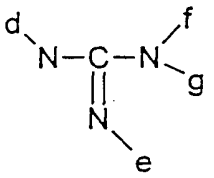
-or else R1 forms a double bond with the endocyclic carbon atom

carrying the radical  or else R2 represents an XR_a radical,

X representing an oxygen atom or an NH or N-alkyl radical containing up to 8 carbon atoms and R_a represents a hydrogen atom, a linear, branched or cyclic alkyl radical containing up to 8 carbon atoms optionally substituted by one or several hydrogen atoms, by one or several OH, CO_2H, CO_2alc radicals,

an  radical, a' and b' representing a

hydrogen atom, an alkyl radical containing up to 8 carbon atoms, a' and b' able to form a heterocycle optionally containing one or several additional heteroatoms and/or by a heterocycle containing one or several

heteroatoms where R2 represents a 

radical in which d, e, f and g represent a hydrogen atom or an alkyl radical containing up to 8 carbon atoms, f and g able moreover to represent an acyl radical containing up to 8 carbon atoms, e and f equally able to form a ring optionally containing one or several heteroatoms,

R3 represents a hydrogen atom, a methyl or hydroxyl radical

R4 represents a hydrogen atom or a hydroxyl radical

R represents a linear, branched or cyclic chain containing up to 30 carbon atoms, optionally containing one or several heteroatoms, one or several heterocycles or a linear, branched or cyclic acyl radical containing up to 30 carbon atoms optionally containing one or several heteroatoms and/or one or several heterocycles,

T represents a hydrogen atom, a methyl radical, a CH_2CONH_2, $CH_2C{\equiv}N$ radical, a $(CH_2)_2NH_2$ or $(CH_2)_2Nalc^+X^-$ radical,

X being a halogen atom and alc an alkyl radical containing up to 8 carbon atoms,

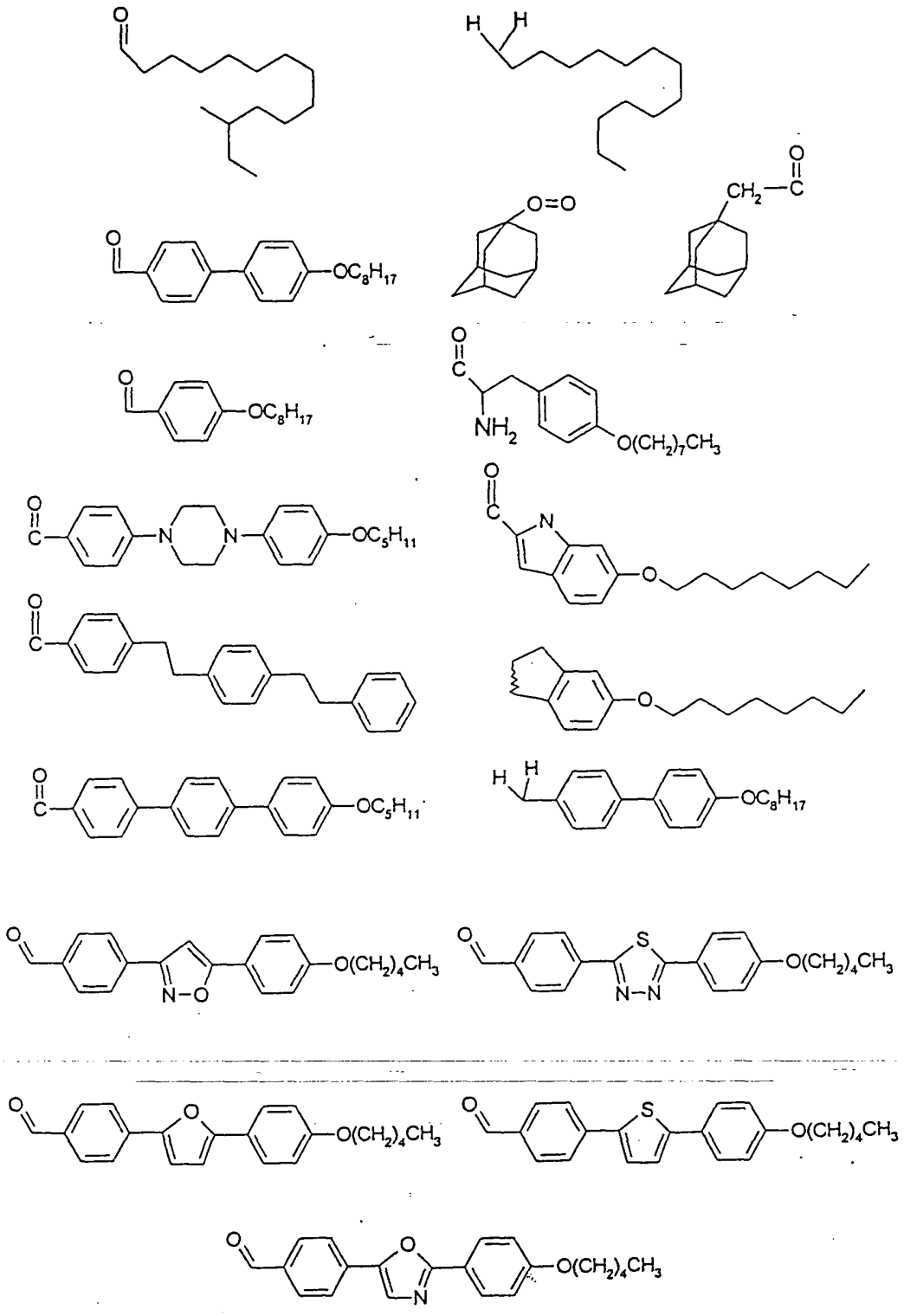
Y represents a hydrogen atom, a hydroxyl radical or a halogen atom or an OSO3H radical or one of the salts of this radical,

W represents a hydrogen atom or an OH radical,

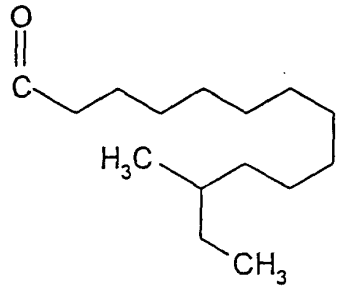
Z represents a hydrogen atom or a methyl radical,

as well as the addition salts with the acids of the products of formula (I).

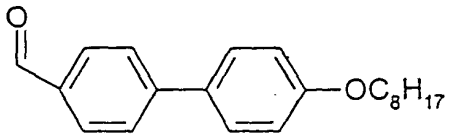
2) The compounds of formula (I) described in claim 1 in which T represents a hydrogen atom.
3) The compounds of formula (I) described in claim 1 or 2 in which W represents a hydrogen atom.
4) The compounds of formula (I) described in any of the claims 1 to 3, in which Z represents a methyl radical.
5) The compounds of formula (I) described in any of claims 1 to 4 in which Y represents a hydrogen atom.
6) The compounds of formula (I) described in any of claims 1 to 5 in which R3 represents a methyl radical.
7) The compounds of formula (I) described in any of claims 1 to 6 in which R4 represents a hydroxyl radical.
8) The compounds of formula (I) described in any of the claims 1 to 7 in which R represents a radical



9) The compounds of formula (I) described in claim 8, in which R represents a chain



10) The compounds of formula (I) described in claim 8, in which R represents a chain



11) The compounds of formula (I) described in one of the claims 1 to 10, in which R1 forms a double bond with the endocyclic carbon atom carrying the NR1R2 radical.

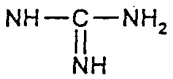
12) The compounds of formula (I) described in claim 11, in which R2 represents the radical

$$O(CH_2)_nNY'_2$$

in which n represents an integer between 1 and 8 and Y' represents a hydrogen atom or an alkyl radical containing up to 8 carbon atoms.

13) The compounds of formula (I) described in claim 12, in which n represents the number 2.

14) The compounds of formula (I) described in claim 8, in which R2 represents a radical



15). The compounds of formula (I) described in one of claims 1 to 10, in which R2
represents a radical

$(CH_2)_pNY''$

in which Y'' represents a hydrogen atom or an alkyl radical containing up to 8 carbon atoms and p represents an integer varying from 1 to 8.

16) The compounds of formula (I) described in any of the claims 1 to 10 and 15, in which R1 represents a hydrogen atom.

17) The compounds of formula (I) described in claim 15, in which p represents the number 2.

18) The compounds of formula (I) described in claim 1, the names of which follow:

-1-[(S)-N2-(12-methyl-1-oxotetradecyl) 4-[[(3-piperidinyl)oxy]imino]-L-ornithine] 4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine echinocandin B.

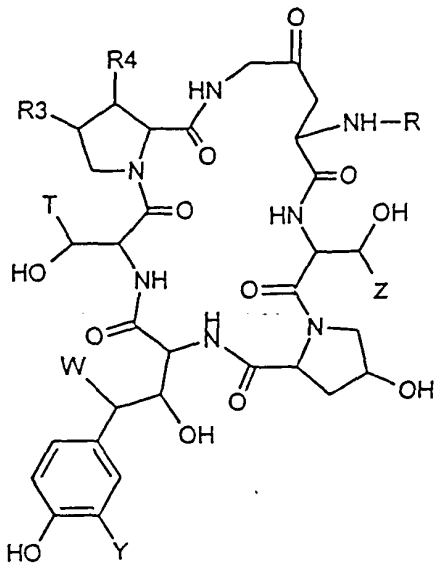
-1-[4-[(2-aminoethyl) amino]-N2-(12-methyl-1-oxotetradecyl)-L-ornithine] 4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine echinocandin B (isomer A and isomer B).

-1-[4-[(aminoiminomethyl) hydrazono]-N2-(12-methyl-1-oxotetradecyl)-L-ornithine] 4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine echinocandin B.

-1-[4-[(2-aminoethoxy) imino]-N2-(12-methyl-1-oxotetradecyl)-L-ornithine] 4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine echinocandin B and corresponding isomer Z,

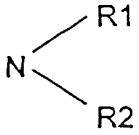
-1-[4-[(2-aminoethyl)amino]-N2-[[4'-(octyloxy)[1.1'-biphenyl]-4-yl]carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandin B (isomer A) as well as their addition salts with the acids.

19) Preparation process of the compounds of formula (I) described in any of the claims 1 to 18, characterised in that a compound of formula (II) is submitted

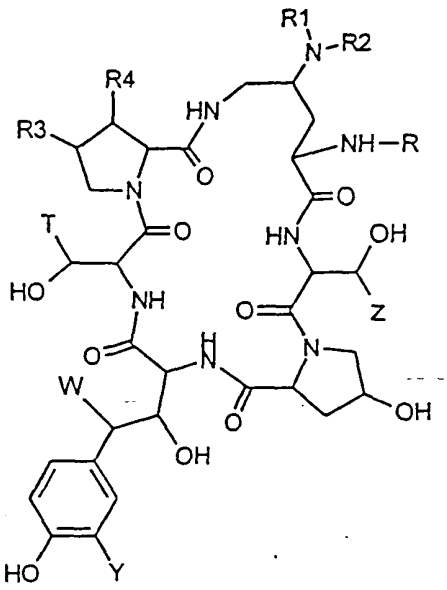


(II)

in which R, R3, R4, T, Y, W and Z retain their prior signification, with the action of an amine or an amine derivative likely to introduce

the radical  in which R1 and R2

retain their prior meaning and if desired with the action of a reduction agent and/or agent for the functionalisation of the amine,
and/or an acid to form the salt of the product obtained,
and/or a separation agent of the different isomers obtained,
The sought compounds of formula (I) are thus obtained



(I)

in which R1, R2, R3, R4, T, Y, W, R and Z retain their prior meaning then if desired the compound of formula (I) is submitted to the action of an acid to form the salt and if desired the different isomers obtained are separated.

20) As novel chemical products, the compounds of formula (II) described in claim 19.

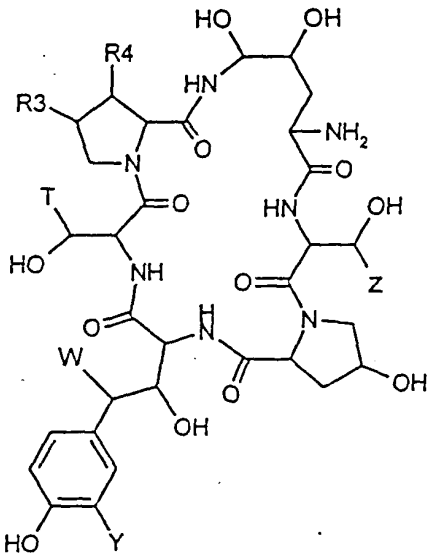
21) As novel chemical product described in claim 20, the compound of formula (II) the names of which follow:

1([-4-oxo-N2-(12-methyl-1-oxotetradecyl) L-ornithine] 4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandin B.

1-[N2-[[4'-octyloxy)-[1.1'-biphenyl]-4-yl]carbonyl]-4-oxo-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandin B

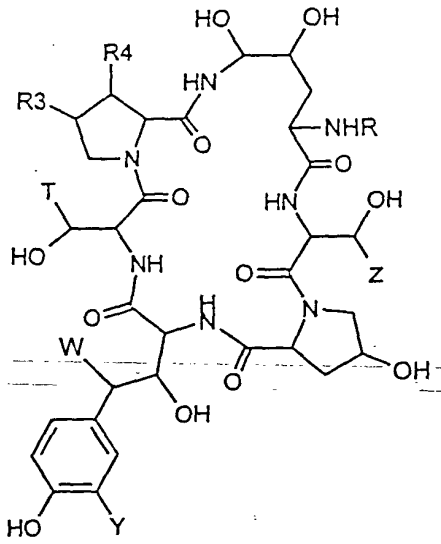
1-[N2-[[4-[4-[4-(pentyloxy)phenyl]-1-piperazinyl]-phenyl]-carbonyl]4-oxo-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine echinocandin B

22) Process according to claim 19 characterised in that a compound of formula (III) is submitted



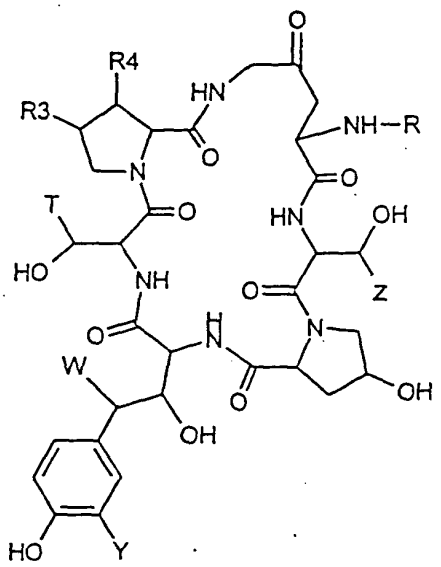
(III)

in which the different substituents retain their prior meaning with the action of an agent capable of replacing NH_2 by-NHR, R retaining its prior meaning to obtain the compound of formula (IV)



(IV)

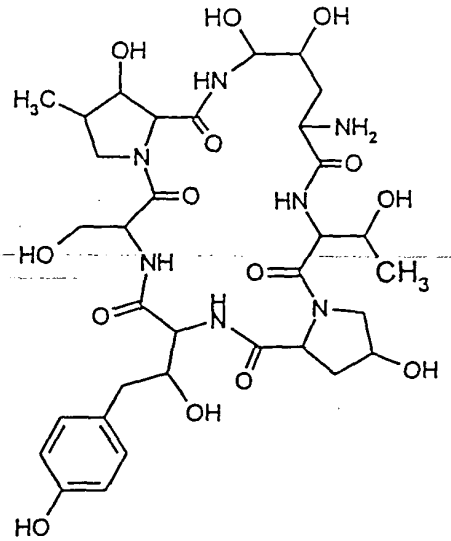
that is submitted to the action of trimethylsilyl iodide to obtain the corresponding compound of formula (II)



(II)

23)As novel chemical products the compounds of formula (III) described in claim 22.

24)As a novel chemical product described in claim 23 the following deoxymulundocandin nucleus of formula (III):



25)As novel chemical products the compounds of formula (IV) described in claim 22 with the exception of mulundocandin and deoxymulundocandin.

26)As antifungal compounds, the compounds of formula (I) described in any of the claims 1 to 18, as well as their addition salts with the acids.

27) The pharmaceutical compositions containing as a medicine at least one compound of formula (I) described in any of claims 1 to 18, as well as their addition salts with pharmaceutically acceptable acids.